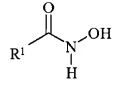
CLAIMS LISTING

1.(currently amended) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R^1 is selected from the group consisting of $-CR^2R^3R^4$, and $-OCR^5R^6R^7$ ~~and $-NR^8R^9$~~,

R^2, R^3, R^5 and R^6 are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms;

~~R^8 is selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic ring and~~

~~unsubstituted saturated or unsaturated alicyclic groups;~~

R^4 and R^7 are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms;

~~R^9 is selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic ring and unsubstituted saturated or unsaturated alicyclic groups;~~

R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring, and

R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring~~,~~

~~and~~

~~R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring~~.

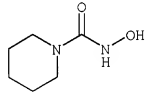
2.(original) An ink-jet recording material according to claim 1 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

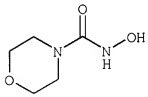
3.(original) An ink-jet recording material according to claim 2 wherein said filler is an inorganic filler.

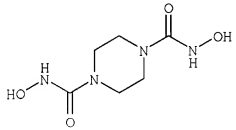
4.(original) An ink-jet recording material according to claim 3 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

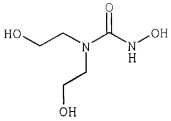
5.(previously presented) An ink-jet recording material according to claim 1 wherein the at least one ink-receiving layer comprises a hydrophilic binder.

6.(original) An ink-jet recording material according to claim 5 wherein said hydrophilic binder is a polyvinyl alcohol.

7.(currently amended) An ink-jet ~~Ink-jet~~ recording material ~~according to claim 1, wherein said~~ comprising a support and at least one ink-receiving layer comprising at least one non-polymeric compound ~~according to formula (I) is~~ selected from the group consisting of  ,

 ,

 ,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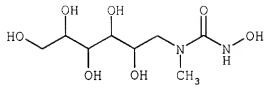
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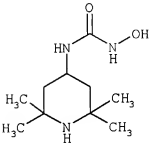
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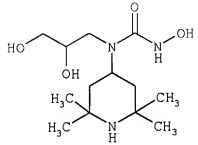
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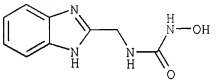
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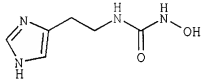
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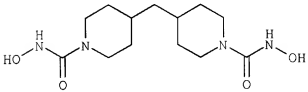
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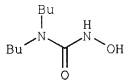
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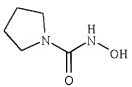
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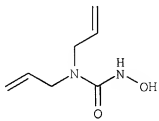
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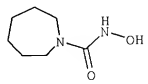
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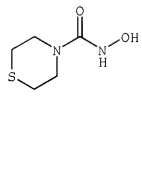
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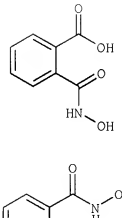
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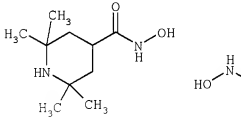
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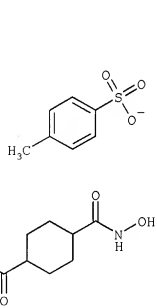
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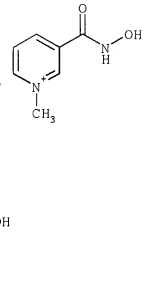
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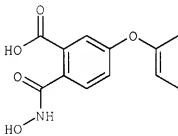
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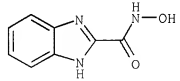
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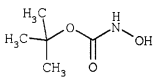
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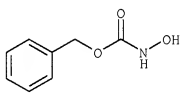
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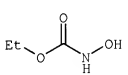
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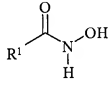
8.(cancelled)

9.(cancelled)

10.(withdrawn-previously presented) An ink-jet image comprising at least one ink-jet ink on an ink-jet recording material, wherein said ink-jet image contains a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R^1 is selected from the group consisting of $-CR^2R^3R^4$, $-OCR^5R^6R^7$ and $-NR^8R^9$,

R^2, R^3, R^5 and R^6 are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R^8 is selected from the group consisting of hydrogen, unsubsituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic ring and

unsubstituted saturated or unsaturated alicyclic groups;

R^4 and R^7 are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

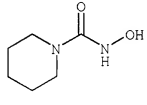
R^9 is selected from the group consisting of unsubsituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic ring and unsubstituted saturated or unsaturated alicyclic groups;

R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring,

R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring, and

R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring.

11.(withdrawn) Ink-jet image according to claim 10, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of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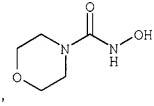
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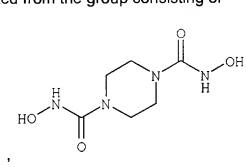
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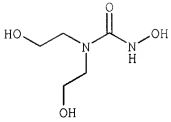
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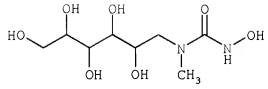
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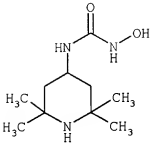
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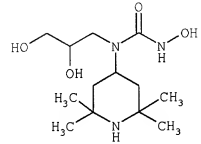
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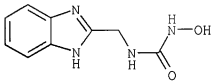
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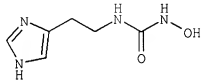
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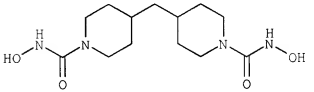
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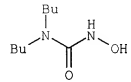
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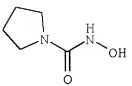
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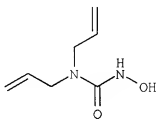
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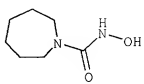
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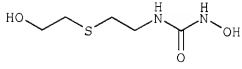
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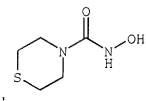
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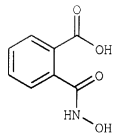
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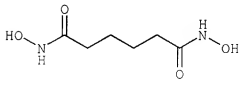
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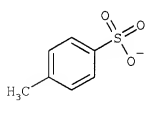
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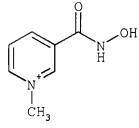
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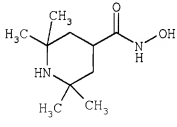
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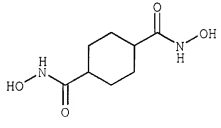
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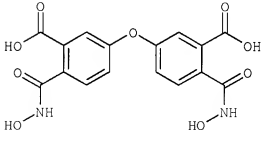
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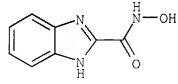
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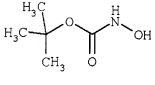
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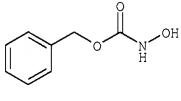
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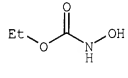
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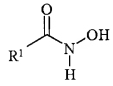
12.(withdrawn) A process for the use of a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R^1 is selected from the group consisting of $-CR^2R^3R^4$, $-OCR^5R^6R^7$ and $-NR^8R^9$,

R^2, R^3, R^5, R^6 and R^8 are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R^4, R^7 and R^9 are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

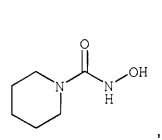
R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring,

R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring, and

R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring;

comprising the step of including said non-polymeric compound in an ink-jet ink, an ink-jet recording material or a liquid for coating on an ink-jet image.

13.(withdrawn) Process according to claim 12, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of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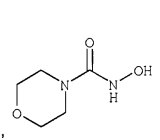
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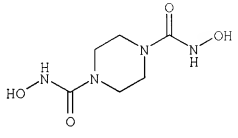
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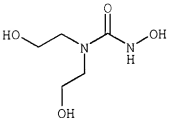
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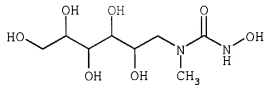
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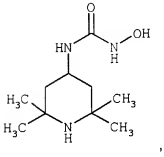
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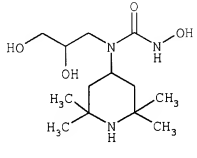
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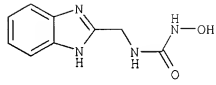
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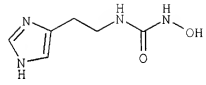
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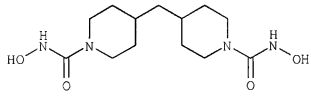
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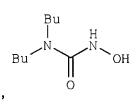
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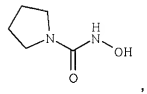
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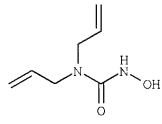
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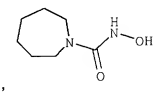
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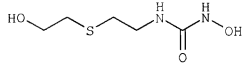
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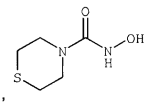
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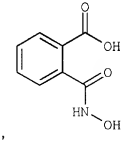
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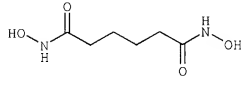
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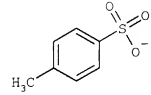
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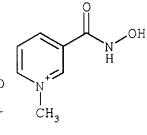
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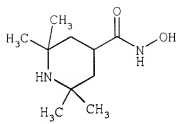
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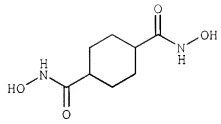
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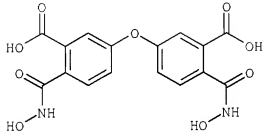
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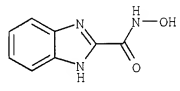
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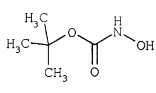
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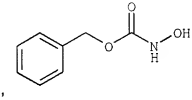
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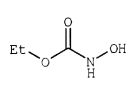
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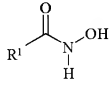
14. (cancelled)

15. (new) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R^1 is $-NR^8R^9$; R^8 is hydrogen; and

R^9 is selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, substituted or unsubstituted aromatic rings and unsubstituted saturated or unsaturated alicyclic groups.

16. (new) An ink-jet recording material according to claim 15 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

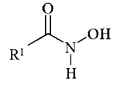
17. (new) An ink-jet recording material according to claim 16 wherein said filler is an inorganic filler.

18. (new) An ink-jet recording material according to claim 17 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

19. (new) An ink-jet recording material according to claim 15 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

20. (new) An ink-jet recording material according to claim 19 wherein said hydrophilic binder is a polyvinyl alcohol.

21.(new) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R^1 is $-NR^8R^9$,

R^8 and R^9 are independently selected from the group consisting of

unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heterocyclic ring and unsubstituted saturated or unsaturated alicyclic groups; and

R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring.

22.(new) An ink-jet recording material according to claim 21 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

23. (new) An ink-jet recording material according to claim 22 wherein said filler is an inorganic filler.

24. (new) An ink-jet recording material according to claim 23 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

25. (new) An ink-jet recording material according to claim 21 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

26. (new) An ink-jet recording material according to claim 25 wherein said hydrophilic binder is a polyvinyl alcohol.

27. (new) An ink-jet recording material according to claim 7 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

28. (new) An ink-jet recording material according to claim 27 wherein said filler is an inorganic filler.

29. (new) An ink-jet recording material according to claim 28 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

30.(new) An ink-jet recording material according to claim 7 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

31.(new) An ink-jet recording material according to claim 30 wherein said hydrophilic binder is a polyvinyl alcohol.